

**SECRET**

NPIC/TSSG/DED-1651-69

MEMORANDUM FOR: Executive Director, NPIC

SUBJECT: Progress Report on Follow-up Actions to R&D Trip

The following is in response to your request for periodic status reports:

1. Five people from MM have been approved for T, KH, SI clearances. In the very near future these people will visit NPIC to receive their security briefings and to be briefed on the operations of the Center. This knowledge of Center operations by the contractor should give us greater assurance of the most profitable introduction and application of dry silver materials into Center operations.

2. [ ] personnel will be in NPIC in early June to discuss: (a) ways of managing the P.I. effort without making it so automated and mechanical as to destroy individual initiative; (b) selection of operators for the High Precision Stereo Comparator. These sessions will be attended by representatives of IEG.

3. With reference to programming for the [ ] High Precision Stereo Comparator, the internal Honeywell DDP-516 computer will be delivered with programs prepared by [ ] to handle the [ ] systems.

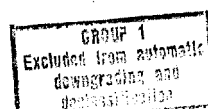
[ ] IEG/PHD reports that TSSG/AFSD/ISAB will support them in any future programming requirements on the DDP-516.

4. PSG/AID is presently testing several stereo programs for the central computer. PSG/AID and IEG/PHD are testing these programs using the available stereo instruments in IEG/PHD. The Real Time Mensuration Program will be ready for operational use in December 1969. The HPSC will not be installed in [ ] until late Spring 1970. An AID memo dated September 1968, states that the work load to interface the stereo intersection program to the Real Time Mensuration Program will be minimal. (See attachment with statement from Chief/AID)

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5. With regard to the ATR program, Phase IV officially started on 12 May 1969. Work is continuing on comparative evaluations of the best approach to be used in the engineering prototype Automatic Target Indexing Device (ATID). The choice between the diffraction pattern sampling technique and the electronic clue extraction approach must be made 13 weeks from the contract date. The inter-face between the ATID and the ephemeris input has been discussed with the Advanced Recon Technology Staff and the style and output has been pursued with PSG. Meetings with both of these groups and with IEG are tentatively scheduled for the week of 16-20 June with representatives of DSD/Litton. There appears to be no major problem in either the ephemeris input or the ATID output. In the latter case the main requirement is to have a mag tape output from the ATID that is machine compatible with the NPIC system.

[Redacted]  
Chief, Technical Services & Support Group  
NPIC

Attachment: Memo PSG/AID-260/69

Distribution:

Original - Addressee w/att  
1 - NPIC/TSSG  
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